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(54) PLATE MAKING METHOD FOR PLANOGRAPHIC PRINTING PLATE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a plate making method for a positive type planographic printing plate for an IR laser for direct plate making excellent in development latitude in image formation, suppressing the occurrence of a defect due to a flaw in an image area and capable of forming a good image.

SOLUTION: An original plate of a positive type planographic printing plate obtained by successively stacking an underlayer containing a water-insoluble and alkali-soluble resin and a heat sensitive layer containing a water-insoluble and alkali-soluble resin and an IR absorbing dye and having solubility in an alkaline aqueous solution increased by heating on a hydrophilic base is imagewise exposed and developed with an alkali developing solution containing an organic compound having buffer action and a base as principal components.

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